

Title (en)
METHOD AND SYSTEM FOR ERROR COMPENSATION

Title (de)
VERFAHREN UND SYSTEM ZUR FEHLERKOMPENSATION

Title (fr)
PROCÉDÉ ET SYSTÈME POUR LA COMPENSATION D'ERREURS

Publication
EP 2036038 A1 20090318 (EN)

Application
EP 07766737 A 20070613

Priority
• IB 2007052243 W 20070613
• EP 06115861 A 20060622
• EP 07766737 A 20070613

Abstract (en)
[origin: WO2007148263A1] A method for generating a set of kernels for convolution error compensation of a projection image of a physical object recorded by an imaging system comprises calculating the set of kernels in such a way that for each pixel of the projection image an asymmetric scatter distribution for error compensation is calculated representing a X-ray scatter originating along a ray from an X-ray source to the pixel.

IPC 8 full level
G06T 5/00 (2006.01); **G06T 11/00** (2006.01)

CPC (source: EP US)
G06T 5/73 (2024.01 - EP US); **G06T 11/005** (2013.01 - EP US); **G06T 2207/10081** (2013.01 - EP US); **G06T 2207/30004** (2013.01 - EP US)

Citation (search report)
See references of WO 2007148263A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007148263 A1 20071227; CN 101473348 A 20090701; EP 2036038 A1 20090318; US 2009202127 A1 20090813

DOCDB simple family (application)
IB 2007052243 W 20070613; CN 200780022897 A 20070613; EP 07766737 A 20070613; US 30598307 A 20070613